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| APPLICATION NO.                                                             | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------------------------------------------------------------------|-------------|----------------------|---------------------|------------------|
| 09/996,019                                                                  | 11/28/2001  | Satoru Maeda         | 450101-03634        | 2691             |
| 20999                                                                       | 7590        | 12/01/2006           | EXAMINER            |                  |
| FROMMER LAWRENCE & HAUG<br>745 FIFTH AVENUE- 10TH FL.<br>NEW YORK, NY 10151 |             |                      |                     | NGUYEN, THANH T  |
| ART UNIT                                                                    |             | PAPER NUMBER         |                     |                  |
|                                                                             |             | 2144                 |                     |                  |

DATE MAILED: 12/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                        |                     |  |
|------------------------------|------------------------|---------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                              | 09/996,019             | MAEDA ET AL.        |  |
|                              | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                              | Tammy T. Nguyen        | 2144                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE (3) MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### **Status**

1) Responsive to communication(s) filed on 03 October 2006.  
 2a) This action is **FINAL**.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### **Disposition of Claims**

4) Claim(s) 1-20 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-20 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### **Application Papers**

9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 18 November 2001 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### **Priority under 35 U.S.C. § 119**

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### **Attachment(s)**

1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_

4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_

5) Notice of Informal Patent Application (PTO-152)  
 6) Other: \_\_\_\_\_



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***DETAILED ACTION***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on October 3, 2006 has been entered.
2. Claims 1-20 are presented for examination.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pierre-Hugues Boucher., (hereinafter Boucher) U.S. Patent No. 6,201,958 in view of Lavey et al., (hereinafter Lavey) U.S. Patent No. 6,023,698, further in view of Yoshimasa Yoshimura.,

(hereinafter Yoshimura) U.S. Patent No. 5,917,467 and further in view of Hemphill et al., (hereinafter Hemphill) U.S. Patent No. 6,167,448.

5. As to claim 1, Boucher discloses the invention substantially as claimed, Boucher discloses including a network management server connected to a network, comprising: recording means for recording information pertinent to an information processing apparatus, said information includes at least identification information of said information processing apparatus (see col.3, lines 1-15); receiving means for receiving identification information, sent from said information processing apparatus, when said other information processing apparatus is connected via said network, the identification information used to identify said information processing apparatus (see col.3, lines 15-32); verifying means for verifying whether said identification information received by said receiving means has already been recorded by said recording means (see col.3, lines 15-26); and controlling means for controlling said information processing apparatus over said network based on verified results by said verifying means (see col.4, lines 14-19). However, Boucher does not explicitly teach transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65]. Also, Boucher and Lavey do not explicitly disclose wherein information processing apparatus receives a television broadcast.

In the same field of endeavor, Yoshimura discloses (e.g., Pc card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a Pc card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in an place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses

establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have established a connection to network management server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

6. As to claim 2, Boucher teaches the invention as claimed, wherein said identification information is a serial number of said information processing apparatus (see col.2, lines 15-30).

7. As to claim 3, Boucher teaches the invention as claimed, wherein said controlling means causes said information processing apparatus to execute first setting processing upon verification that said identification information received by said receiving means has already been recorded in said recording means (see col.3, lines 15-26), said controlling means causing said information processing apparatus to execute second setting processing upon verification that said identification information received by said receiving means has not as yet been recorded in said recording means (see col.4, lines 14-19).

8. As to claim 4, Boucher teaches the invention as claimed, wherein said first and setting processing and the setting processing represent setting processing necessary for said other information processing apparatus to utilize said network (Fig.1).

9. As to claim 5, Boucher teaches the invention as claimed, wherein said controlling

means sends an address on said network of a server used for connecting said information processing apparatus to said network, to said second information processing apparatus, and sets the address so sent, as the information for said information processing apparatus to utilize said network (see col.1, lines 45-51).

10. As to claim 6, Boucher teaches the invention as claimed, wherein said recording means further records the inherent information for specifying a user of said information processing apparatus, said controlling means requests transmission of said inherent information to said information processing apparatus upon verification that said identification information received by said receiving means has already been recorded in said recording means (see col.3, lines 1-15).

11. As to claim 7, Boucher teaches the invention as claimed, wherein said inherent information includes a password (see col.3 secret code authentication codes).

12. As to claim 8, Boucher teaches the invention as claimed, wherein upon verification that said identification information received by said receiving means has not been recorded on said recording means, said controlling means requests said information processing apparatus to transmit the information on a user utilizing said information processing apparatus (Fig.1).

13. As to claim 9, Boucher discloses the invention substantially as claimed, Boucher discloses including an information processing method for a network management server connected to a network, comprising: a recording controlling step of controlling the recording of the information pertinent to an information processing apparatus (col.3, lines 1-15), said information includes at least identification information processing apparatus (see col.3, lines 1-15); a receiving step of receiving identification information sent from said information

processing apparatus, when said information processing apparatus is connected via said network, the identification information used to identify said information processing apparatus (see col.3, lines 15-32); a verifying step of verifying whether said identification information received in said receiving step has already been recorded in said recording controlling step (see col.3, lines 15-26); and a controlling step of controlling said information processing apparatus over said network based on of said verifying step (see col.2, lines 15-30). However, Boucher does not explicitly teach

transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65].

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In the same field of endeavor, Yoshimura discloses (e.g., Pc card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a Pc card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in an place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have establishes a connection to network management server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

14. As to claim 10, Boucher discloses the invention substantially as claimed, Boucher discloses including a recording medium having recorded thereon a computer-readable program for controlling a network management server connected to a network, said program including: a recording controlling step of controlling recording of information pertinent to an information processing apparatus, said information includes at least identification information of said information processing apparatus (see col.3, lines 1-15); a receiving step of receiving the identification information, sent from said information processing apparatus when said information processing apparatus is connected via said network, the identification information used to identify said information processing apparatus (see col.3, lines 15-32); a verifying step of verifying whether said identification information received by the receiving step has already been recorded in said recording controlling step (see col.3, lines 15-26); and a controlling step of controlling said information processing apparatus over said network based on results by the verifying step (see col.4, lines 14-19). However, Boucher does not explicitly teach transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the

networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65].

In the same field of endeavor, Yoshimura discloses (e.g., Pc card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a Pc card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in an place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have established a connection to network management server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

15. Claims 11-20, are rejected under 35 U.S.C. 103(a) as being unpatentable over Pierre-Hugues Boucher., (hereinafter Boucher) U.S. Patent No.6,201,958, Lavey et al., (hereinafter Lavey) U.S. Patent No. 6,023,698 in view of McCormack et al., (hereinafter McCormack) U.S. Patent No. 6,360,255 further in view of Yoshimasa Yoshimura., (hereinafter Yoshimura) U.S. Patent No. 5,917,467 and further in view of Hemphill et al., (hereinafter Hemphill) U.S. Patent No. 6,167,448.

16. As to claim 11, Boucher discloses the invention substantially as claimed, Boucher discloses including an information processing apparatus connected to a network, comprising: storage means for storing at least the identification information, used to identify said information processing apparatus (see col.3, lines 1-15); transmission means for transmitting said identification information stored in said storage means over said network (see col.3, lines 1-7); receiving means for receiving control information transmitted from said network management server over said network, based on said identification information transmitted from said transmission means(see col.3, lines 15-32); and setting means for setting information necessary

for utilizing said network based on said first control information received by said receiving means (see col.3, lines 8-63). However, Boucher does not explicitly teach transmitting means for transmitting to

said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65]. Also, But Boucher and Lavey do not explicitly teach a network management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a

network management server connect to network because it would have provided specific functions that can manage network traffic. Boucher, Lavey and McCormack do not explicitly disclose wherein information processing apparatus receives a television broadcast.

In the same field of endeavor, Yoshimura discloses (e.g., PC card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a PC card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in a place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey, McCormack, and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have establishes a connection to network management

server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

17. As to claim 12, Boucher teaches the invention as claimed, wherein said setting means sets the information necessary for exploiting said network in a first mode when said control information received by said receiving means is the first control information; said setting means setting information necessary for exploiting said network in a second mode when said control information received by said receiving means is second control information (see col.3, lines 5-63).

18. As to claim 13, Boucher teaches the invention as claimed, wherein said setting means executes first setting processing when identification information transmitted by said transmission means has already been recorded: said setting means executing second setting processing when the identification information transmitted by said transmission means has been already recorded (see col.3, lines 6-63). But Boucher and Lavey do not explicitly teach a network management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a network management server connect to network because it would have provided specific functions that can manages network traffic.

19. As to claim 14, Boucher teaches the invention as claimed, wherein said first setting

processing and said second setting processing represent information setting processing necessary for said information processing apparatus to utilize said network (Fig.1).

20. As to claim 15, Boucher teaches the invention as claimed, wherein said setting means sets an address on said network of a server connecting said information processing apparatus to said network, said address received by said receiving means (see col.3, lines 15-32).

21. As to claim 16, Boucher teaches the invention as claimed, wherein said network management server stores inherent information used for specifying a user of said information processing apparatus setting means transmitting said inherent information if said identification information transmitted by said transmission means has been recorded in said (see col.3, lines 6-63). But Boucher and Lavey do not explicitly teach a network management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a network management server connect to network because it would have provided specific functions that can manage network traffic.

22. As to claim 17, Boucher teaches the invention as claimed, wherein said inherent information includes a password (see col.4, lines 54-57).

23. As to claim 18, Boucher teaches the invention as claimed, wherein said setting means transmits information pertinent to a user employing said second information processing apparatus if said identification information transmitted by said transmission means has as yet not been recorded (see col.3, lines 6-63). But Boucher and Lavey do not explicitly teach a network

management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a network management server connect to network because it would have provided specific functions that can manage network traffic.

24. As to claim 19, Boucher discloses the invention substantially as claimed, Boucher discloses including an information processing method for an information processing apparatus connected to a network, comprising: a storage controlling step of controlling storage of identification information (see col.3, lines 1-15); a transmission step of transmitting said identification information as stored during said storage controlling step over said network, wherein said identification information is used to identify said second information processing apparatus (see col.3, lines 15-32); a receiving step of receiving the control information transmitted from over said network, based on said identification information transmitted by processing in said transmission step (see col.3, lines 15-32), and a setting step of setting information necessary for utilizing said network based on said control information received by processing in said receiving step (see col.3, lines 8-63).

However, Boucher does not explicitly teach transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for

transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65]. Also, Boucher and Lavey do not explicitly teach a network management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a network management server connect to network because it would have provided specific functions that can manage network traffic. Boucher, Lavey and McCormack do not explicitly disclose wherein information processing apparatus receives a television broadcast.

In the same field of endeavor, Yoshimura discloses (e.g., Pc card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives

a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a Pc card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in an place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey, McCormack, and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have establishes a connection to network management server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

25. As to claim 20, Boucher discloses the invention substantially as claimed, Boucher

discloses including a computer-readable medium adapter to store a computer program for controlling an information processing apparatus connected to a network, said computer program including a storage controlling step of controlling the storage of the identification information (see col.3, lines 1-15); a transmission step of transmitting said identification information store during said storage controlling step over said network, wherein said identification information is used to identify said information processing apparatus (see col.3, lines 15-32); a receiving step of receiving control information transmitted over said network based on said identification information transmitted by processing in said transmission step (see col.3, lines 15-32), and a setting step of setting the information necessary for utilizing said network based on said control information received by processing in said receiving step (see col.3, lines 8-63).

However, Boucher does not explicitly teach transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file.

In the same field of endeavor, Lavey discloses (e.g., system and method for transparently registering...information over the internet). Lavey discloses transmitting means for transmitting to said information processing apparatus, a protocol file stating rules for utilizing Internet services and an access point information file [see Lavey, col.4, lines 35-50, and col.11, lines 44-67].

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Lavey's teachings of a system and method for transparently registering and updating information over the internet with the teachings of Boucher to have transmitting information processing apparatus, a protocol file

stating rules for utilizing Internet services and an access point information file because it would have provided useful function that allows user to use their Internet services for obtaining a convenient seamless connection to the Internet for communication with an online site [see Lavey col.1, lines 60-65]. Also, Boucher and Lavey do not explicitly teach a network management server connect to network. However, McCormack teaches a network management server connect to network (see fig.5, network management server 104 connect to internet 160). It would have been obvious to one of ordinary skill in the art at the time of the invention was made to implement the teachings of McCormack into the computer system of Boucher to have a network management server connect to network because it would have provided specific functions that can manage network traffic. Boucher, Lavey and McCormack do not explicitly disclose wherein information processing apparatus receives a television broadcast.

In the same field of endeavor, Yoshimura discloses (e.g., Pc card system having video input-output function). Yoshimura discloses wherein information processing apparatus receives a television broadcast [see Yoshimura, col.16, lines 13-18] (*its information processing apparatus can receive a TV broadcast, display its images on the monitor screen*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Yoshimura's teachings of a Pc card system having video input-output function with the teachings of Boucher to have information processing apparatus receives a television broadcast for the purpose of everyone can easily use so called multimedia in a place without large space [see Yoshimura, col.2, lines 1-2]. Boucher, Lavey, McCormack, and Yoshimura do not explicitly disclose establishes a connection to network management server over said network.

In the same field of endeavor, Hemphill discloses (e.g., management event notification system using event notification messages written using a markup language). Hemphill discloses establishes a connection to network management server over said network [see Hemphill, col.2, lines 10-30] (*generates and transmits the ENM to the management server*).

Accordingly, it would have been obvious to one of ordinary skill in the networking art at the time the invention was made to have incorporated Hemphill's teachings of a management event notification system using event notification messages written using a markup language with the teachings of Boucher to have establishes a connection to network management server over said network for the purpose of providing a more flexible of delivering notification and information of management events [see Hemphill, col. 27-30].

### ***Response to Arguments***

26. Applicant's arguments with respect to claims 1-29, 62-72 and 96-96 have been considered but are moot in view of the new ground(s) of rejection. Applicant's arguments include the failure of previously applied art to expressly disclose wherein said information processing apparatus received a television broadcast and establishes a connection to said network management server over said network (see Applicant's response, Dated October 3, Page 14). It is evident from the detailed mappings found in the above rejection(s) that Yoshimura, and Hemphill disclosed this functionality [see Yoshimura, col.16, lines 13-18] and [see Hemphill, col.2, lines 10-30]. Further, it is clear from the numerous teachings (previously and currently cited) that the provision for information processing apparatus received a television broadcast and establishes a connection to said network management server over said network, was widely

implemented in the networking art. Thus, Applicant's arguments drawn toward distinction of the claimed invention and the prior art teachings on this point are not considered persuasive.

### ***Conclusion***

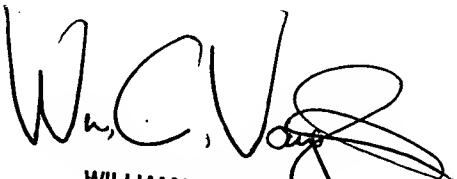
27. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammy T. Nguyen whose telephone number is 571-272-3929. The examiner can normally be reached on Monday - Friday 8:30 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *William Vaughn* can be reached on 571-272-3922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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mv

November 21, 2006

  
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